Part 3

DESCRIPTION OF CHECKING AND ADJUSTMENT

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SERVICEMAN MODE

This is the special mode for machine maintenance, and it consists of both the Inkless-timer change mode and the individual check mode.

1. INDIVIDUAL CHECK MODE

USAGE

1. Switch on the power pressing "✱" and C buttons together, and the following display appears.
   [SERVICEMAN MODE]
2. After 4 seconds, the display automatically changes as below.
   [PASSWORD = ?]
3. Enter the password **[1953728]** with the numerical keys and press Reset button.
   If it is correct,
   [OK!SERVICEMAN MODE]
   is displayed for 2 seconds and changes to
   [ON =]
   If it is wrong,
   [PASSWORD ERROR]
   is displayed for 2 seconds and
   [PASSWORD = ?]
   is displayed again.

NUMBER	DISPLAY	ACTION
2	LOCK SOLENOID	Activates the Lock Solenoid
3	INKING DRUM ROTATION	Rotates the Drum and activates the Ink Motor in case the ink bar is not sensed
4	DRUM ROTATION 30RPM	Rotates the Drum at 30rpm
5	DRUM ROTATION VARIABLE	Rotates the Drum at 60 to 120rpm (with "4" ON)
#6	PAPER RECEIVING SENSOR	Prohibits the detection of paper jam with the Paper Receiving Sensors
#8	OVERFLOW PROHIBIT	Prohibits the detection of overflow of ink
91	FEED S. READ M.	Activates the Feed Solenoid and Read Pulse Motor.
92	MAKING S. WRITE M. FAN	Activates the Master-making Solenoid, the Write Pulse Motor and the Storage Fan
93	ELEVATION ACTION	Activates the Elevator Motor

1. When pressing the numerical keys listed on the above chart, the machine will perform the actions displayed on the second line of LCD. Also the first line of LCD will indicate the number of action being performed.
   (Multiple combinations can be used.)
2. After the checks are completed, press "✱" key, and the machine will go back to the normal operating condition.

!!ATTENTION!!
The check modes #6 and #8 are the special modes to prohibit the functions of paper jam detection by the Paper Receiving Sensors (#6) and of ink overflow detection by the Overflow Sensor (#8). They are to be used only when there are troubles in those areas. After repair, have the serviceman mode indication displayed on LCD and press the numerical keys for special modes, and the "✱" key to recover the prohibitted functions.

2. INKLESS TIMER CHANGE MODE

USAGE

1. This mode can be set by using the serviceman mode in the previous page.
2. By pressing Reset button again, the mode changes into inkless timer change mode. The display also changes as follows. [INKLESS TIMER = 30 SEC]
3. The value can be changed and set by the numerical keys on the Operation panel (Example. To set the timer 40 seconds)

   [INKLESS TIMER = 30 SEC]

   Press C key

   [INKLESS TIMER = 00 SEC] 00 flashes

   Press 4 key

   [INKLESS TIMER = 04 SEC] 04 flashes

   Press 0 key

   [INKLESS TIMER = 40 SEC] 40 flashes

   Press Reset key

   [INKLESS TIMER = 40 SEC] 40 flashing stops.

   Returns to the normal operation by pressing Reset key again.
   (There is no display to describe the inkless timer just changed.)

★ The range of the changeable time is 20 to 60 seconds. If the value out of this range is entered and the Reset key is pressed, the numerics does not stop flashing and the inkless timer can not be changed.

★ The changed timer is reserved even if the power is shut off until the value is changed again.